

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
		auto\$5 inject\$3 (drive or actuator) (bias or spring) depth	US-PGPUB; USPAT; USOCR	AND	ON	2006/08/23 22:05
		auto\$5 inject\$3 (drive or actuator system ()), a drive bias member ( ) comprising and inner ( ) and outer ( ) bias members connected by a coupling ( ), an indicator ( ) to indicate dose injection, a distal housing ( ) attachable to a proximal housing ( ) and coupled with the drive system, the distal housing having a sleeve ( ) having a detent ( ) and a sleeve bias member ( ) and a ring ( ) coupled with the distal housing and slideably coupled to the sleeve, and a depth adjuster ( )".	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/23 22:04
		S35 with S36	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/09 17:06
L1	1	"5104380".pn. and inner	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/23 22:03
L2	5785	(auto or automatic) inject\$3 (drive or actuator) (bias or spring) depth	US-PGPUB; USPAT; USOCR	AND	ON	2006/08/23 22:05
L3	403	2 and "604".clas.	US-PGPUB; USPAT; USOCR	AND	ON	2006/08/23 22:24
L4	1	"4,902,279".pn.	US-PGPUB; USPAT; USOCR	AND	ON	2006/08/23 22:27
L5	94	(owen with mumford)	US-PGPUB; USPAT; USOCR	AND	ON	2006/08/23 22:31
L6	0	Ypsomed	US-PGPUB; USPAT; USOCR	AND	ON	2006/08/23 22:31
L7	24	("1845930"   "2585815"   "2695023"   "2902994"   "3880163"   "4150669"   "4592745"   "5114406"   "5137516"   "5320609"   "5358489"   "5425715"   "5480387"   "5514097"   "5637094"   "5681291"   "5709662").PN. OR ("6203530").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/23 22:47

## EAST Search History

L8	8	autoject	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/23 23:18
L9	1	"5104380".pn. and depth	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/23 23:24
L10	1	"6805686".pn.	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/23 23:24
L11	31	("20010005781" "20020193746" "4022207" "4869249" "4923477" "5100427" "5100428" "5104380" "5108378" "5242416" "5300030" "5437647" "5501672" "5599309" "5611809" "5616134" "5624400" "5643214" "5928205" "6030366" "6077247" "6159181" "6159184" "6171283" "6203530" "6344032" "6416323" "6425880" "6613022" "6623459" "RE37439").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/23 23:32
L12	235	604/208.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/23 23:32
L13	1225	604/192.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/23 23:32
L14	132	604/134.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/23 23:33
L15	271	604/135.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/23 23:34
S1	11	(lars with westbye).in. or (philip with dowds).in.	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/08 16:23
S2	0	"10626218"	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/08 16:23
S3	1	10/626218	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/08 16:23
S4	2	"03013632"	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/08 16:29
S5	2	"03013632"	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2006/08/08 16:47

## EAST Search History

S6	1	"6203530".pn.	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2006/08/08 16:47
S7	26	"0185239"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/08/08 17:03
S8	20	(mark with christopher with doyle)	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/08 17:07
S9	1	"6613022".pn.	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/08 17:09
S10	1	"6623459".pn.	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/08 18:00
S11	31	("20010005781" "20020193746" "4022207" "4869249" "4923477" "5100427" "5100428" "5104380" "5108378" "5242416" "5300030" "5437647" "5501672" "5599309" "5611809" "5616134" "5624400" "5643214" "5928205" "6030366" "6077247" "6159181" "6159184" "6171283" "6203530" "6344032" "6416323" "6425880" "6613022" "6623459" "RE37439").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/08 18:03
S12	0	(needle adj gaurd) same shield	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/08 18:04
S13	4803986	(needle adj gaurd) s	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/08 18:04
S14	1	(needle adj gaurd)	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/08 18:05
S15	295902	(needle adj guard) samd shield	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/08 18:05
S16	213	(needle adj guard) same shield	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/08 18:05
S17	3157	autoinject\$4 (automatic adj inject\$4) (auto adj inject\$)	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/08 18:06

## EAST Search History

S18	3157	autoinject\$4 (automatic adj inject\$4) (auto adj inject\$4)	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/09 09:28
S19	1	S16 and S18	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/08 18:06
S20	3157	autoinject\$4 (automatic adj inject\$4) (auto adj inject\$4)	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/09 09:28
S21	455	S20 and "604".clas.	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/09 09:28
S22	11	("3880163"   "4006849"   "4316463"   "4710178"   "5114406"   "5279585"   "5279586"   "5324272"   "5358489"   "5480387").PN. OR ("6221044").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/09 11:48
S23	1	(ermanno with greco).in.	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/09 11:48
S24	24	("1845930"   "2585815"   "2695023"   "2902994"   "3880163"   "4150669"   "4592745"   "5114406"   "5137516"   "5320609"   "5358489"   "5425715"   "5480387"   "5514097"   "5637094"   "5681291"   "5709662").PN. OR ("6203530").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/09 13:47
S25	2	autoject2	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/09 14:18
S26	57	owen adj mumford	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/09 14:23
S27	17	S26 and depth	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/09 14:23
S28	17	S26 and (depth adapter)	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/09 14:23
S29	0	S26 and (depth adj adaptrr)	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/09 14:24
S30	0	S26 and (depth adj adaptor)	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/09 16:24

## EAST Search History

S31	57	owen adj mumford	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/09 16:25
S32	2	S31 and (depth adj adjuster)	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/09 16:31
S33	3158	autoinject\$4 (auto adj inject\$4) auto-inject\$ (automatic adj inject\$)	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/09 16:38
S34	375823	syringe or needle or cannula	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/09 16:41
S35	1478	S33 and S34	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/09 16:46
S36	17759	(shield or cover or guard or protector) with S34	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/09 17:06
S37	230	S35 and S36	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/09 17:06
S38	2	(owen with mumford) and (depth adj adjuster)	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/10 11:04
S39	1	"6361206".pn.	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/22 11:31